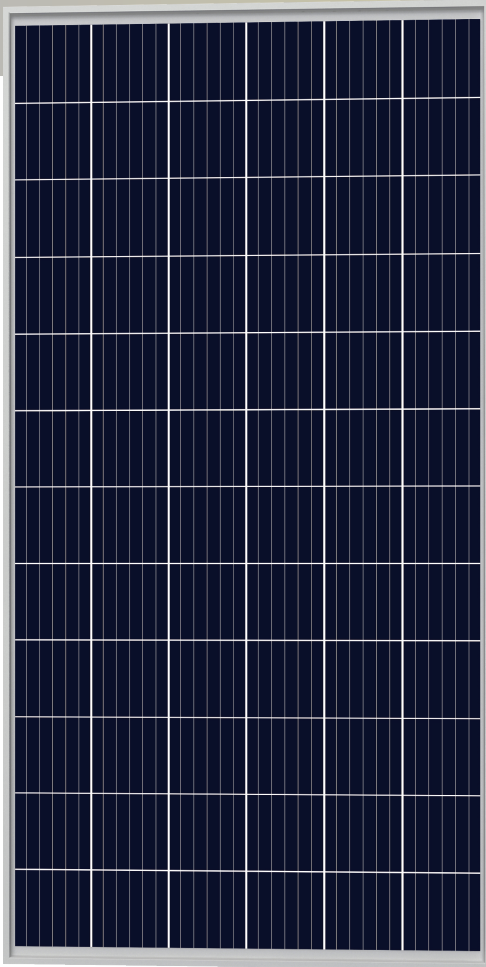


NESE 345-72P/PV

POLY PERC SOLAR MODULE

FROM CAMBODIA



INSURED BY

CHUBB® Munich RE 

KEY FEATURES



High efficiency PERC

A high efficiency PERC solar cell with 5 busbar technology to ensure the efficiency of the solar module up to 17.78% and stable operation.



0-5W tolerance

0- 5W positive power tolerance.



Excellent performance with weak light

More power output with a weak light condition-through advanced glass and solar cells.



Wind/Snow load

Wind load 2400 pa, snow load 5400 pa.



Pid Free

Excellent Anti-PID performance, minimized the degradation of power.

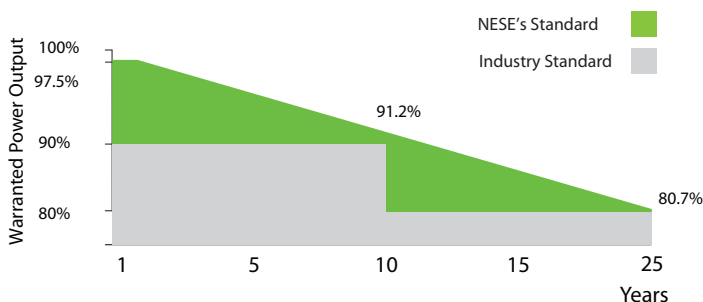


Resistance of extreme environment conditions

High Salt Mist and Ammonia resistance certified by TUV.

LINEAR PERFORMANCE WARRANTY

12 years product warranty. 25 years linear power warranty.



MANAGEMENT SYSTEM CERTIFICATES

ISO 9001:2015/QUALITY MANAGEMENT SYSTEM
ISO 14001:2015/STANDARDS FOR ENVIRONMENTAL MANAGEMENT SYSTEM

PRODUCT CERTIFICATES

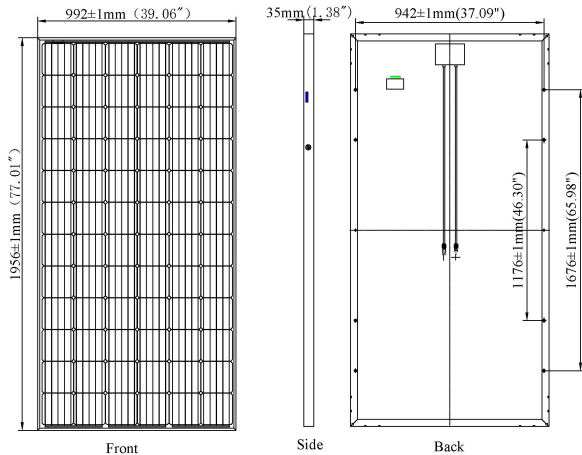
IEC 61215/IEC 61730:VDE/CE/CEC AU
UL 61730: CSA



SPECIFICATIONS

Module type	NESE 325-72P/PV		NESE 330-72P/PV		NESE 335-72P/PV		NESE340-72P/PV		NESE345-72P/PV	
	STC	(NOCT)	STC	(NOCT)	STC	(NOCT)	STC	(NOCT)	STC	(NOCT)
Maximum power(Pmax)	325Wp	240Wp	330Wp	244Wp	335Wp	247Wp	340Wp	251Wp	345Wp	254Wp
Maximum power voltage(Vmp)	37.8	34.5V	37.9V	34.7V	38.0V	34.8V	38.1V	34.9V	38.2V	35.1V
Maximum power current (Imp)	8.64A	6.93A	8.74A	7.01A	8.82A	7.09A	8.93A	7.18A	9.04A	7.26A
Open-circuit voltage(Voc)	46.9V	42.5V	47.0V	42.6V	47.1V	42.6V	47.2V	42.7V	47.3V	42.9V
Short-circuit current(Isc)	8.99A	7.42A	9.08A	7.49A	9.18A	7.56A	9.27A	7.67A	9.38A	7.75A
Module efficiency STC (%)	16.75%		17.01%		17.26%		17.52%		17.78%	
Operating temperature(°C)	-40°C ~ 85°C									
Maximum system voltage	1000/1500 (IEC&UL)									
Maximum series fuse rating	20A									
Sorting power tolerance	0 ~ +3%									
Temperature coefficients of Pmax	-0.37%/°C									
Temperature coefficients of Voc	-0.29%/°C									
Temperature coefficients of Isc	+0.06%/°C									
Nominal operating cell temperature(NOCT)	45 ± 2°C									

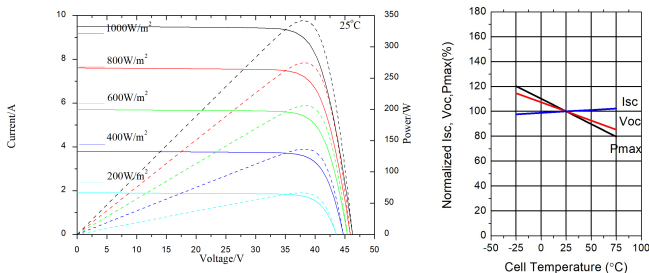
ENGINEERING DRAWING



MATERIAL CHARACTERISTICS

Number of cell	72 (6 * 12)
Dimensions	1956*992*35/40
Weight	21.0/22.0kg
Front glass	3.2mm, anti-reflection Coating, high transmission, low iron, tempered glass
Frame	Anodized aluminium alloy
Junction box	Ip67 rated or higher rated
Output cables	12 awg, length: 900-1200 mm (35.43-47.24 inch) or Customized length

ELECTRICAL PERFORMANCE & TEMPERATURE DEPENDENCE



Electrical performance & temperature dependence
Current-voltage & power-voltage curves (345W)
temperature dependence of Isc, Voc, Pmax

PACKAGING CONFIGURATION

20GP	270/300PCS
40GP	648/720PCS
40HQ	696/780PCS